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|       |    |     |     |    |  |



Application/Control No.

10/713,544 Examiner

Nabila G. Ebrahim

Applicant(s)/Patent under Reexamination

DAVIDSON, R. STEVEN

Art Unit

1618

| √  | Rejected |
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| II | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cla      | aim  | Date                                    |          |              |            |                                     |          |          |          |                                     |
|----------|--|---|----------|--------------|------------|-------------------------------------|----------|----------|----------|-------------------------------------|
| Final    | ı  | 10/22/07                                |          |              |            |                                     |          |          |          |                                     |
|          | 1  | N                                       | -        |              |            |                                     |          |          |          |                                     |
|          | 1<br>2<br>3<br>4<br>5                        | N                                       | $\Box$   |              |            |                                     |          |          |          |                                     |
|          | 3  | N                                       |          |              |            |                                     |          |          |          |                                     |
|          | 4  | N                                       |          |              |            |                                     |          |          |          |                                     |
|          | 5  | N                                       |          |              |            |                                     |          |          |          |                                     |
|          | 6  | N                                       |          |              |            |                                     |          |          |          |                                     |
|          | 7  | N                                       |          |              |            |                                     |          |          |          |                                     |
|          | 8<br>9<br>10                                 | N                                       | _        | L            |            | _                                   |          |          |          |                                     |
|          | 9  | N                                       |          | _            |            |                                     |          |          |          |                                     |
|          | 10   | N                                       |          | L            |            | _                                   |          |          |          | _                                   |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | N N 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | <u> </u> | $\vdash$     |            | $\vdash$                            | _        | <u> </u> |          |                                     |
|          | 12   | N                                       | <u> </u> | $\vdash$     | <u> </u>   | H                                   | <u> </u> | <u> </u> | L.       | L.                                  |
|          | 13   | ٧.                                      | <u> </u> | $\vdash$     | ļ          | $\vdash$                            | <u> </u> | Ь        | L        | <u> </u>                            |
| <u> </u> | 14   | , J                                     | <u> </u> | <del> </del> |            | ⊢-                                  |          | _        |          | $\vdash$                            |
|          | 15   | V J                                     | $\vdash$ | $\vdash$     | <u> </u>   |                                     | <u> </u> | <u> </u> | <u> </u> | $\vdash$                            |
|          | 17   | ,/                                      | -        |              |            | $\vdash$                            | -        |          |          | $\vdash$                            |
|          | 10   | 1                                       | -        | ┝            |            | $\vdash$                            |          | _        |          | $\vdash$                            |
|          | 10   | N                                       | -        | ├—           |            |                                     |          | _        |          | $\vdash$                            |
|          | 20   | N                                       | ├        | ┝            |            | _                                   |          |          |          | -                                   |
|          | 20<br>21<br>22                               | N                                       | -        | -            |            |                                     | -        | -        |          | $\vdash$                            |
|          | 22   | N                                       | -        | <del> </del> |            |                                     |          | _        |          | $\vdash$                            |
|          | 23   | N                                       | $\vdash$ | $\vdash$     |            | _                                   |          |          |          | $\vdash$                            |
|          | 24   | N                                       | -        |              |            | _                                   |          |          |          | $\vdash$                            |
|          | 25   | <u> </u>                                | $\vdash$ | H            |            |                                     |          |          |          |                                     |
|          | 23<br>24<br>25<br>26<br>27<br>28<br>29<br>30 |   | $\vdash$ | $\vdash$     | _          | <u> </u>                            |          |          |          | $\vdash$                            |
|          | 27   |   | $\vdash$ | $\vdash$     |            |                                     |          |          |          |                                     |
|          | 28   |   |          |              |            |                                     |          |          |          |                                     |
|          | 29   |   |          |              |            |                                     |          |          |          |                                     |
|          | 30   |   |          |              |            |                                     |          |          |          |                                     |
|          | 31<br>32<br>33                               |   |          |              |            |                                     |          |          |          |                                     |
|          | 32   |   |          |              |            |                                     |          |          |          |                                     |
|          | 33   |   |          |              |            |                                     |          |          |          | ·                                   |
|          | 34<br>35                                     |   |          |              |            |                                     | <u> </u> |          |          |                                     |
|          | 35   |   |          |              |            |                                     | L        | <u></u>  |          |                                     |
|          | 36   |   |          | _            |            |                                     | _        |          |          |                                     |
|          | 37   |   |          | <u> </u>     |            |                                     |          |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
|          | 38   |   | <u> </u> |              |            | <u> </u>                            |          | _        |          | <b> </b>                            |
|          | 39   | ļ                                       | <u> </u> | <u> </u>     | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _        | L        | L        | <u> </u>                            |
|          | 40   | <u> </u>                                | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>                            | <u> </u> | L        | ļ        |                                     |
|          | 41   | <u> </u>                                | <u> </u> | <u> </u>     |            |                                     | ļ        | <u> </u> | <u> </u> | <b> </b>                            |
|          | 42   |   |          |              | -          | <b> </b>                            | <u> </u> | ļ        |          |                                     |
|          | 43   | -                                       | <u> </u> | $\vdash$     | <u> — </u> |                                     |          | ļ        |          | <del> </del>                        |
|          | 44   | $\vdash$                                | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$                            | $\vdash$ | _        | $\vdash$ | <del></del>                         |
|          | 45   |   | -        | -            | $\vdash$   | <del> </del>                        |          | <b> </b> | -        |                                     |
|          | 47   | $\vdash$                                | $\vdash$ | $\vdash$     | H          | $\vdash$                            | H        |          | $\vdash$ | $\vdash$                            |
|          | 48   | <del> </del>                            | -        |              | -          | -                                   | $\vdash$ | -        | _        |                                     |
|          | 49   |   | $\vdash$ |              |            | $\vdash$                            |          |          |          | $\vdash$                            |
|          | 50   | $\vdash$                                | $\vdash$ | $\vdash$     |            | $\vdash$                            | $\vdash$ | $\vdash$ | <u> </u> | Η.                                  |

| )le      | im       |              |          |          | r        | Date               |          |              |          |            |  | Cla          | im       | · ·      | - |  | Г        | Date     |              |          |        |           |
|----------|----------|--------------|----------|----------|----------|--------------------|----------|--------------|----------|------------|--|--------------|----------|----------|---|--|----------|----------|--------------|----------|--------|-----------|
| 10       | 10 (1    |              |          |          | <b>-</b> | Jak                | ĺ.       |              |          |            |  | Cle          |          | $\vdash$ |   | _  | _        | Jac      | Ť            |          |        | $\dashv$  |
| ,        | Original | 10/22/07     |          |          |          |                    |          |              |          |            |  | <del>-</del> | Original |          |   |  |          |          |              |          |        |           |
|          | ğ        | /22          |          |          |          |                    |          |              |          |            |  | Final        | ij       |          |   |  |          |          |              |          |        |           |
| ٠        | ō        | 10           |          |          |          |                    |          |              |          |            |  | ш.           | ō        |          |   |  |          | :        |              |          |        |           |
| -        | 1        | Z            | -        | H        |          | $\vdash$           | H        | $\vdash$     | <u> </u> |            |  |              | 51       | $\vdash$ |   | -  | H        | <u> </u> | <del> </del> | -        | Н      |           |
| $\dashv$ |          | N            | —        | _        | -        |                    | <u> </u> | <del> </del> | <u> </u> | -          |  |              | 52       | Н        |   | <del>-</del>                                 | _        |          | —            | _        | _      |           |
| -        | 3        | Z            |          | -        |          |                    |          | -            | ⊢        | _          |  |              | 53       | $\vdash$ |   |  | -        |          |              |          | _      | $\dashv$  |
| $\dashv$ | 4        | z            |          |          |          |                    | _        | H            | -        |            |  |              | 54       | $\vdash$ |   | _  |          |          |              |          | _      | $\dashv$  |
| ┥        | 5        | Z            |          |          | $\vdash$ |                    | -        | H            |          |            |  |              | 55       | Н        |   |  | H        |          |              |          |        | $\dashv$  |
| ┥        | 6        | N            | _        |          | -        |                    |          | -            |          |            |  |              | 56       |          |   |  | ├        |          |              |          | -      |           |
| $\dashv$ | 7        | N            |          | _        |          | ·                  |          | H            |          |            |  |              | 57       | $\vdash$ | _ |  | -        |          |              |          |        |           |
| ╣        | 8        | N            |          | <u> </u> |          |                    |          | ┝╌           |          |            |  |              | 58       |          |   |  | -        |          |              |          | _      | $\dashv$  |
| ┪        | 9        | N            | _        | _        |          | _                  |          |              |          | _          |  |              | 59       | H        |   |  |          |          | -            |          |        | $\dashv$  |
| $\dashv$ | 10       | N            |          | H        |          | $\vdash$           |          | $\vdash$     |          |            |  |              | 60       |          |   |  |          | -        |              |          |        |           |
| ┪        | 11       | N            |          |          |          |                    | -        | -            |          | -          |  |              | 61       | $\Box$   |   |  |          | _        | _            |          | -      | $\neg$    |
| 7        | 12       | N            |          |          |          | $\vdash$           |          |              |          |            |  |              | 62       | H        |   | _  |          |          |              |          |        |           |
| 7        | 13       | 1            |          |          |          |                    |          | $\vdash$     | -        |            |  |              | 63       |          |   | _  |          |          |              |          |        |           |
|          | 14       | 1            |          |          |          | Н                  |          | $\vdash$     |          |            |  |              | 64       |          |   |  |          |          |              |          |        |           |
| $\neg$   | 15       | 1            | _        |          |          | $\vdash$           |          | $\vdash$     |          | $\vdash$   |  |              | 65       |          |   |  | $\vdash$ |          | $\vdash$     |          | _      |           |
| 7        | 16       | 1            |          |          | _        | _                  | _        | $\vdash$     |          | $\vdash$   |  |              | 66       |          |   | _  |          |          |              | _        |        |           |
| $\neg$   | 17       | 1            |          |          |          | Г                  |          |              |          |            |  |              | 67       |          | _ |  | _        |          |              |          |        |           |
| ᅥ        | 18       | 1            |          | -        |          | Н                  |          | $\vdash$     |          |            |  |              | 68       |          |   |  | М        |          |              |          |        |           |
| _        | 19       | N            | _        | _        |          |                    |          | $\vdash$     | -        |            |  |              | 69       |          |   |  |          |          |              |          |        |           |
| ┪        | 20       | N            |          | _        | -        | $\overline{}$      |          | _            |          |            |  |              | 70       |          |   |  |          |          |              |          | _      | $\neg$    |
| ┪        | 21       | Ν            |          |          |          |                    |          |              |          |            |  |              | 71       |          |   |  | Ε.       |          |              |          |        |           |
| ┪        | 22       | N            |          | _        |          |                    |          | $\vdash$     |          |            |  |              | 72       |          |   |  |          |          |              |          |        |           |
| $\dashv$ | 23       | Ν            |          |          |          |                    |          | <del> </del> |          |            |  |              | 73       | $\Box$   |   | _  | _        | _        | _            | $\Box$   | -      |           |
| 7        | 24       | N            | -        |          |          |                    |          | _            |          | $\vdash$   |  |              | 74       | П        |   |  | $\vdash$ | -        |              |          |        |           |
| ┪        | 25       |              |          | Г        |          |                    |          |              |          |            |  |              | 75       |          |   | _  |          |          |              |          |        |           |
| T        | 26       |              |          | Г        |          | Г                  |          |              |          |            |  |              | 76       |          |   |  | _        |          |              |          |        |           |
|          | 27       |              |          |          |          |                    |          |              |          |            |  |              | 77       |          |   |  |          |          |              |          |        |           |
|          | 28       |              |          |          |          |                    |          | Г            |          | П          |  |              | 78       |          |   |  |          |          |              |          |        |           |
|          | 29       |              |          |          |          |                    |          |              |          |            |  |              | 79       |          |   |  |          |          |              |          |        |           |
|          | 30       |              |          |          |          |                    |          |              |          |            |  |              | 80       | П        |   |  |          |          |              |          |        |           |
|          | 31       |              |          | $\Box$   |          |                    |          |              |          |            |  |              | 81       |          |   |  |          |          |              |          | _      |           |
|          | 32       |              |          |          |          |                    |          | П            |          |            |  |              | 82       |          |   |  |          |          |              |          |        |           |
|          | 33       |              |          |          |          |                    |          |              |          |            |  |              | 83       |          |   |  |          |          |              |          |        |           |
|          | 34       |              |          |          |          |                    |          |              |          |            |  |              | 84       |          |   |  |          |          |              |          |        |           |
|          | 35       |              |          |          |          |                    |          |              |          |            |  |              | 85       |          |   |  |          |          |              |          |        |           |
|          | 36       |              |          |          |          |                    |          |              |          |            |  |              | 86       |          |   |  |          |          |              |          |        |           |
|          | 37       |              |          |          |          | $\Box$             |          |              |          |            |  |              | 87       |          |   |  |          |          |              |          |        |           |
|          | 38       |              |          |          |          |                    |          |              |          |            |  |              | 88       |          |   |  |          |          |              |          |        |           |
|          | 39       | لسا          |          |          | <u> </u> | $oxedsymbol{oxed}$ |          | _            | <u> </u> | <u> </u>   |  |              | 89       |          |   | <u> </u>                                     | L        | L        |              | _        |        |           |
|          | 40       |              |          |          |          | L                  |          | L            | L        | <u> </u>   |  |              | 90       | Ш        |   | L_   | ļ        | <u> </u> | <u> </u>     | L        | $\Box$ |           |
| _        | 41       | Ш            |          | L.       | L        | <u> </u>           |          | <u> </u>     | <u> </u> | <u> </u>   |  |              | 91       | Ш        |   | <u>.                                    </u> | L        |          |              | L        |        | Ш         |
|          | 42       |              |          |          |          |                    | <u> </u> |              |          | <u> </u>   |  |              | 92       | Ш        |   | L  |          | L_       | L.           |          |        | Ш         |
| _        | 43       | L            | L.       | <u> </u> | <u> </u> |                    |          | ļ            |          | <u> </u>   |  |              | 93       | Ш        |   | <u> </u>                                     | L        | <u> </u> |              | L        |        | Ш         |
|          | 44       | $oxed{oxed}$ | _        |          | <u> </u> | <u> </u>           | <u> </u> |              | _        | <u> </u>   |  |              | 94       | Ш        |   |  | L_       | <u> </u> | _            | L        | Ш      |           |
|          | 45       | L            |          | L_       | <u> </u> | <u> </u>           | <u> </u> | <u> </u>     | <u></u>  | <u> </u>   |  |              | 95       | $\sqcup$ |   | <u> </u>                                     | L        | L_       | <u> </u>     | L        | Ш      |           |
|          | 46       | Ш            |          |          | <u> </u> | <u> </u>           | _        |              | _        | <u> </u>   |  |              | 96       | Ш        |   |  |          | L_       | _            | L        | Ш      |           |
| _        | 47       | L_           | <u> </u> |          | L        | <u> </u>           | <u> </u> | <u> </u>     | <u> </u> | <u> </u>   |  |              | 97       | Ш        |   | L_   | <u> </u> |          | L_           | L        |        |           |
| _        | 48       | $\square$    | _        | <u> </u> | <u> </u> | $\vdash$           |          | lacksquare   | _        | lacksquare |  |              | 98       | Ш        |   | _  | L        | L        | <u> </u>     | L        |        | Щ.        |
| _        | 49       |              |          |          |          | L                  |          | <u> </u>     |          | $\vdash$   |  |              | 99       | Ш        |   | <u> </u>                                     | L.       | L        |              | <u> </u> |        | $\square$ |
|          | 50       |              |          |          | l        |                    |          |              |          | •          |  |              | 100      | Ш        |   |  |          | L        | L            | L        |        |           |
|          |          |              |          |          |          |                    |          |              |          |            |  |              |          |          |   |  |          |          |              |          |        |           |

| Cla      | aim  |              |          |              |          | Date     | •        |          |          |                 |
|----------|--|--------------|----------|--------------|----------|----------|----------|----------|----------|-----------------|
| Final    | Original   |              |          |              |          |          |          |          |          |                 |
|          | 101<br>102   |              |          |              |          |          |          |          |          |                 |
|          | 102  | _            |          | <u> </u>     |          |          |          |          |          |                 |
|          | 103  |              |          | <u> </u>     |          | <u> </u> |          |          |          |                 |
|          | 104<br>105   | _            |          | Ļ            |          | <u> </u> | _        | _        | <u> </u> | -               |
|          | 105  |              |          | <u> </u>     | _        |          |          |          | <u> </u> |                 |
|          | 106  |              |          |              |          | -        |          |          | -        |                 |
|          | 107<br>108   | -            | -        | -            | _        | $\vdash$ | _        | $\vdash$ | ┢        | $\dashv$        |
|          | 109  |              |          | $\vdash$     |          |          |          |          |          |                 |
|          | 110  |              |          | $\vdash$     |          |          |          |          | $\vdash$ |                 |
|          | 111  | _            | _        | 一            |          |          |          |          |          |                 |
|          | 112  |              |          |              |          |          |          |          |          |                 |
|          | 113  |              |          |              |          |          |          |          |          |                 |
|          | 110<br>111<br>112<br>113<br>114<br>115<br>116<br>117 |              |          |              |          |          |          |          |          |                 |
|          | 115  | <u> </u>     |          |              | L        | L.       |          | L.       | ·        | Ш               |
|          | 116  | _            |          |              |          |          |          |          |          |                 |
|          | 117  |              |          | _            |          |          |          | _        | <u> </u> |                 |
|          | 118<br>119   |              | _        | L            |          | _        | _        | <u> </u> | L        |                 |
|          | 120  | Ė            | -        | -            | -        | -        |          | -        | -        |                 |
|          | 120  |              |          | _            |          | -        |          |          |          |                 |
|          | 121<br>122<br>123                                    |              |          |              |          | $\vdash$ |          | -        | $\vdash$ |                 |
|          | 123  |              |          | -            | $\vdash$ | $\vdash$ | _        |          | $\vdash$ |                 |
|          | 124<br>125<br>126                                    |              |          | $\vdash$     | -        | $\vdash$ |          | -        | -        | -               |
|          | 125  |              |          |              |          |          |          |          |          |                 |
|          | 126  |              |          |              | _        | П        |          | Г        | $\vdash$ |                 |
|          | 127  |              |          |              |          |          |          |          |          |                 |
|          | 127<br>128   |              |          |              |          |          |          |          |          |                 |
|          | 129  |              |          |              |          |          |          |          | <u> </u> |                 |
|          | 130<br>131   |              | _        |              | _        | _        |          | _        | _        |                 |
|          | 131  |              | <u> </u> | <u> </u>     |          |          |          | ļ        | <u> </u> |                 |
|          | 132  |              | _        | _            |          |          |          | <u> </u> |          |                 |
|          | 133<br>134   |              | <b></b>  | <del> </del> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | $\vdash$ | Н               |
| <u> </u> | 135  |              |          |              |          |          |          | -        |          | Н               |
|          | 136  |              | <u> </u> | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$ | $\vdash$ | H               |
|          | 137  |              |          | ┢            | -        |          |          | $\vdash$ | $\vdash$ |                 |
|          | 138  |              | Г        |              |          |          |          |          |          |                 |
|          | 138<br>139   |              |          |              |          |          |          | Г        |          |                 |
|          | 140  |              |          |              |          |          |          |          |          |                 |
|          | 141  |              |          |              |          |          |          |          |          |                 |
|          | 142  |              |          |              |          |          |          |          |          | Ш               |
|          | 143  |              | <u> </u> | <u> </u>     |          |          | L.       | <u> </u> | igsqcup  | Ш               |
|          | 144  |              | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | _        | L        | <u> </u>        |
|          | 145  | H            | -        | <u> </u>     | _        | <u> </u> | <u> </u> | <u> </u> | H        | Щ               |
|          | 146  | H            | -        |              |          | <u> </u> | <u> </u> | <u> </u> | -        | $\vdash \vdash$ |
|          | 147<br>148   | $\vdash$     | $\vdash$ | -            | $\vdash$ | -        | -        | -        | $\vdash$ | $\vdash$        |
| l        | 149  | <del> </del> |          |              | $\vdash$ |          |          | $\vdash$ | $\vdash$ | $\vdash$        |
|          | 150  | -            | $\vdash$ | $\vdash$     |          |          |          | H        | $\vdash$ | $\vdash$        |
| L        | ,,,,,  | L            |          |              |          |          |          | Ц        |          | Ц               |